

Title (en)

STABILIZATION OF CREATINE KINASE (CK) AND ITS APPLICATION AS A REFERENCE STANDARD

Publication

EP 0045122 B1 19841227 (EN)

Application

EP 81302324 A 19810526

Priority

US 17365080 A 19800730

Abstract (en)

[origin: EP0045122A1] The enzyme creatine kinase (CK) is not very stable and there are problems in providing CK-containing standards for use in analysis of biological fluids containing CK. The present invention provides a stable form of CK, being a mixed disulfide or dithiosulfonate of CK which can be stored (e.g. in lyophilized form) in admixture with serum or proteins and can be converted into a standard reference sample by mixture with a thioactivating agent.

IPC 1-7

C12Q 1/50; **G01N 33/96**

IPC 8 full level

C12N 9/12 (2006.01); **C12N 9/96** (2006.01); **C12Q 1/50** (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP US)

C12N 9/12 (2013.01 - EP US); **C12N 9/96** (2013.01 - EP US); **C12Q 1/50** (2013.01 - EP US)

Cited by

EP0116307A3; EP0351117A3; EP0426100A1; US5496716A; EP0596218A3; DE3540076A1; EP0222380A3; US4931392A

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0045122 A1 19820203; **EP 0045122 B1 19841227**; **EP 0045122 B2 19900502**; AU 535866 B2 19840405; AU 6982681 A 19820304; CA 1149299 A 19830705; DE 3167914 D1 19850207; JP H0257920 B2 19901206; JP S5729287 A 19820217; US 4339533 A 19820713

DOCDB simple family (application)

EP 81302324 A 19810526; AU 6982681 A 19810424; CA 373256 A 19810318; DE 3167914 T 19810526; JP 6267381 A 19810427; US 17365080 A 19800730